

WHAT IS CLAIMED IS:

1. A sheet conveying apparatus comprising (i) a pair of conveying rollers for sandwiching a sheet and conveying the sheet in a predetermined direction and (ii) a supporting body for supporting the pair of conveying rollers, the sheet conveying apparatus conveying the sheet via a conveying path through which the sheet is conveyed by the pair of conveying rollers,

the supporting body including (a) a first unit having one of the pair of conveying rollers and (b) a second unit having the other of the pair of conveying rollers, and

the first unit and the second unit being separable from each other.

2. The sheet conveying apparatus as set forth in claim 1, wherein:

the first unit and the second unit are separated in a direction substantially parallel to the conveying path.

3. The sheet conveying apparatus as set forth in claim 1, wherein:

one of the first unit and the second unit is detached in a direction opposite a sheet conveying direction.

4. The sheet conveying apparatus as set forth in

claim 1, wherein:

at least one of the pair of conveying rollers separated is supported on the first unit or the second unit by a movable supporting member in such a manner that the at least one of the pair of conveying rollers is movable in a direction substantially parallel to a direction of separating the first unit and the second unit.

5. The sheet conveying apparatus as set forth in claim 4, wherein:

the movable supporting member includes (i) a positioning and supporting block connected to a baring to which the at least one of the pair of conveying rollers is connected, and (ii) a tension spring whose one end is connected to a conveying guide of one of the first unit and the second unit, the one of the first unit and the second unit having the movable supporting member, and whose the other end is connected to the positioning and supporting block;

the positioning and supporting block has a guide convex;

the conveying guide has a guide hole along which the guide convex is movable in a horizontal direction; and

when the positioning and supporting block is moved in accordance with a pressure applied in the horizontal

direction, the tension spring is contracted or expanded, so as to allow the guide convex to move in the horizontal direction along the guide hole.

6. A sheet conveying apparatus as set forth in claim 5, further comprising:

a positioning convex portion provided to the other unit, which is the first unit or the second unit, and which does not have the movable supporting member,

when the positioning and supporting block is moved in accordance with a pressure applied by the positioning convex portion, the tension spring being contracted or expanded, so as to allow the guide convex to move in the horizontal direction along the guide hole.

7. The sheet conveying apparatus as set forth in claim 4, wherein:

the roller supported by the movable supporting member is a driven roller.

8. The sheet conveying apparatus as set forth in claim 1, wherein:

only one of the first unit and the second unit is a movable unit when the first unit and the second are separated from each other; and

one of the pair of conveying rollers is mounted to the movable unit and driven.

9. A sheet conveying apparatus comprising (i) a first pair of conveying rollers for sandwiching a sheet and conveying the sheet in a predetermined direction, (ii) a second pair of conveying rollers for sandwiching a sheet and conveying the sheet in a predetermined direction, the first pair of the conveying rollers and the second pair of conveying rollers facing each other, and (iii) supporting bodies for respectively supporting the first pair of conveying rollers and the second pair of conveying rollers, the sheet conveying apparatus conveying a sheet through a first conveying path and a second conveying path, the first conveying path being a conveying path through which a sheet is conveyed by the first pair of conveying rollers, the second conveying path being a conveying path through which a sheet is conveyed by the second pair of conveying rollers, the second conveying path being connected with the first conveying path in a downstream of the first pair of conveying rollers provided in the first conveying path,

the supporting bodies including (a) a third unit having the first pair of conveying rollers and one of the second pair of conveying rollers, and (b) a fourth unit having the other of the second pair of conveying rollers,

and

the third unit and the fourth unit being separable from each other.

10. The sheet conveying apparatus as set forth in claim 9, wherein:

the third unit and the fourth unit are separated in a direction substantially parallel to the first conveying path and the second conveying path.

11. The sheet conveying apparatus as set forth in claim 9, wherein:

one of the third unit and the fourth unit is detached in a direction opposite a sheet conveying direction.

12. The sheet conveying apparatus as set forth in claim 9, wherein:

at least one of the pair of conveying rollers separated is supported on the third unit or the fourth unit by a movable supporting member in such a manner that the at least one of the pair of conveying rollers is movable in a direction substantially parallel to a direction of separating the third unit and the fourth unit.

13. The sheet conveying apparatus as set forth in

claim 12, wherein:

the roller supported by the movable supporting member is a driven roller.

14. An image forming apparatus, comprising:

a sheet conveying apparatus including (i) a pair of conveying rollers for sandwiching a sheet and conveying the sheet in a predetermined direction and (ii) a supporting body for supporting the pair of conveying rollers, the sheet conveying apparatus conveying the sheet via a conveying path through which the sheet is conveyed by the pair of conveying rollers,

the supporting body including (a) a first unit having one of the pair of conveying rollers and (b) a second unit having the other of the pair of conveying rollers, and

the first unit and the second unit being separable from each other.

15. An image forming apparatus, comprising:

a sheet conveying apparatus including (i) a first pair of conveying rollers for sandwiching a sheet and conveying the sheet in a predetermined direction, (ii) a second pair of conveying rollers for sandwiching a sheet and conveying the sheet in a predetermined direction, the first pair of the conveying rollers and the second pair of conveying rollers

facing each other, and (iii) supporting bodies for respectively supporting the first pair of conveying rollers and the second pair of conveying rollers, the sheet conveying apparatus conveying a sheet through a first conveying path and a second conveying path, the first conveying path being a conveying path through which a sheet is conveyed by the first pair of conveying rollers, the second conveying path being a conveying path through which a sheet is conveyed by the second pair of conveying rollers, the second conveying path being connected with the first conveying path in a downstream of the first pair of conveying rollers provided in the first conveying path,

the supporting bodies including (a) a third unit having the first pair of conveying rollers and one of the second pair of conveying rollers, and (b) a fourth unit having the other of the second pair of conveying rollers, and

the third unit and the fourth unit being separable from each other.